

COMPOSITION FOR FIRE-RESISTANT SILICONE RUBBER AND FIRE-RESISTANT SILICONE RUBBER

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Abstract of **JP 2002105317 (A)**

PROBLEM TO BE SOLVED: To obtain a composition for a fire-resistant silicone rubber scarcely causing a change with time (a crepe hardening phenomenon) before curing, excellent in roll operating efficiency, providing a silicone rubber excellent in flame retardance after the curing, sinterable at high temperatures and convertible into ceramics and the fire-resistant silicone rubber. SOLUTION: This composition for the fire-resistant silicon rubber is obtained by mixing (A) a raw rubber of an organopolysiloxane with (B) a fine powdery silica and (C) a metal salt of a higher fatty acid under heating and then compounding (D) a mica powder, (E) a quartz powder and (F) a platinum-based catalyst. The fire-resistant silicone rubber is prepared by compounding the composition with a curing agent and curing the resultant composition by heating.

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